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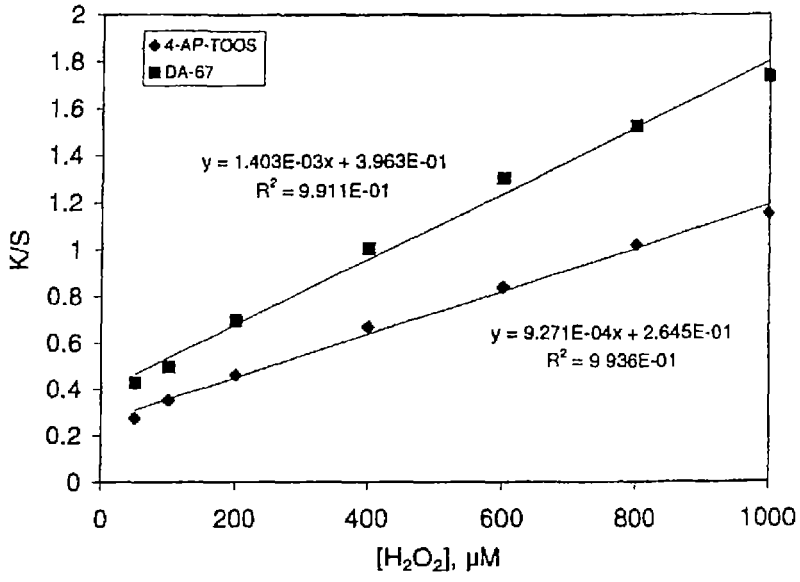
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(54) Title: COMPOSITIONS CONTAINING A UREA DERIVATIVE DYE FOR DETECTING AN ANALYTE AND METHODS OF USING THE SAME



(57) Abstract: Compositions, reagent test strips, analyte detection systems and kits of the same, as well as methods for their use in the detection of an analyte in a sample, are provided. The subject compositions are characterized by having a positively charged porous matrix and a urea derivative dye on at least one surface of the matrix, where in many preferred embodiments the urea derivative dye is a negatively charged urea derivative dye. In many preferred embodiments the subject compositions further include at least one additional reagent member of a peroxide producing signal producing system, *e.g.* an analyte oxidase and/or a peroxidase. The subject compositions, test strips, analyte detection systems and kits find use in the detection of a wide variety of analytes in a sample, such as a physiological sample, *e.g.*, blood or a fraction thereof.

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